

U	1	Document ID	Issue Date	Pages	Title	Inventor
1		<input checked="" type="checkbox"/> US 6251249 B1	20010626	8	Precious metal deposition composition and process	Chevalier, Jean W. et al.
2		<input checked="" type="checkbox"/> US 6042893 A	20000328	15	Metal containing E-coat catalysts optionally with tin catalysts	Bossert, Emily C. et al.
3		<input checked="" type="checkbox"/> US 6001900 A	19991214	18	Metal containing e-coat catalysts optionally with tin catalysts	Bossert, Emily C. et al.
4		<input checked="" type="checkbox"/> US 5340862 A	19940823	13	Stabilizers for halogen containing polymers	Silbermann, Joseph et al.
5		<input checked="" type="checkbox"/> US 4616046 A	19861007	8	Sterilization of objects made of halogeno-vinyllic polymers using ionizing radiation	Kornbaum, Simon et al.

← Also showed up in
Assignee name
Search

Inventor			
U 1	Document ID	Issue Date	Pages
6	<input checked="" type="checkbox"/> US 4 329279 A	19820511	4
			Organostannic stabilizing compositions for vinyl halide resins
			Foure, Michel

L Number	Hits	Search Text	DB	Time stamp
1	1319	(atofina\$ or "elf aquitaine" or "elf atochem" or "ato chimie").as.	USPAT	2002/06/20 09:06
2	253	((tin or stann\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)).clm.	USPAT	2002/06/20 09:11
3	6	((atofina\$ or "elf aquitaine" or "elf atochem" or "ato chimie").as.) and (((tin or stann\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)).clm.) and @ad>=19790828	USPAT	2002/06/20 09:16

L Number	Hits	Search Text	DB	Time stamp
4	130	(\$chenard or \$mendelsohn).in.	USPAT	2002/06/20 09:25
5	130	(chenard\$ or mendelsohn\$).in.	USPAT	2002/06/20 09:25
6	130	(((\$chenard or \$mendelsohn).in.) or ((chenard\$ or mendelsohn\$).in.)	USPAT	2002/06/20 09:25
7	1	(((\$chenard or \$mendelsohn).in.) or ((chenard\$ or mendelsohn\$).in.)) and (((tin or stann\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)).clm.) and @ad>=19790828	USPAT	2002/06/20 09:26

Jean-Yves Chenard

Jean-Claude Mendelsohn

u	1	Document ID	Issue Date	Pages	Title	Inventor
1	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4616046 A	19861007	8	Sterilization of objects made of halogeno-vinyllic polymers using ionizing radiation	Kornbaum, Simon et al.	

L Number	Hits	Search Text	DB	Time stamp
11	43	((tin or stann\$3) near10 halo\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)	EPO; JPO; DERWENT; IBM_TDB	2002/06/20 10:14
12	2	(((tin or stann\$3) near10 halo\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)) and (((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)) and @pd<19801220	EPO; JPO; DERWENT; IBM_TDB	2002/06/20 10:15

u	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
1	<input checked="" type="checkbox"/> BE 864976 A	19780717	11		Organotin sulphide(s) and polysulphide(s) of mercapto-alkanol ester c - used as stabilisers for halogen-contg. polymers esp. vinyl chloride polymers		US 4118371
2	<input checked="" type="checkbox"/> JP 49107347 A	19741011	4		Stabilized halogen-contg. resin compns - using organo-tin cpds.		JP 49107347 A

L Number	Hits	Search Text	DB	Time stamp
13	1766	((tin or stann\$3) near10 (organ\$2 or mercapt\$2 or sulfur or sulfide)) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)	USPAT	2002/06/20 10:24
14	44303	((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)	USPAT	2002/06/20 10:26
15	120	((tin or stann\$3) near10 (organ\$2 or mercapt\$2 or sulfur or sulfide)) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)) and (((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)) and @ad<19790828	USPAT	2002/06/20 10:27

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image D c. Displayed
1	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4269731 A	19810526	32		Antimony mercaptocarboxylic acid ester stabilizers for polyvinyl chloride resin compositions and process	Mack, Gerry	US 4269731
2	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4259231 A	19810331	9		One-part curable elastic sealant	Tomomoto, Takanori et al.	US 4259231
3	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4256618 A	19810317	14		Antimony mercaptocarboxylic acid or ester-mercaptocarboxylic acid ester stabilizers for rigid polyvinyl chloride resin compositions	Brecker, Lawrence R. et al.	US 4256618
4	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4254017 A	19810303	26		Organotin mercaptalkanol esters and alkoxides containing sulfide groups	Dworkin, Robert D. et al.	US 4254017

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
5	<input checked="" type="checkbox"/>	US 4252705 A	19810224	8	Resistance of polyvinyl chloride resins to discoloration during drying with N,N'-diphenyl urea	Brecker, Lawrence R.	US 4252705
6	<input checked="" type="checkbox"/>	US 4243816 A	19810106	11	Phenol-acetals	Schmidt, Andreas	US 4243816
7	<input checked="" type="checkbox"/>	US 4241131 A	19801223	9	Moldable polyurethane foam-backed fabrics	Bailey, Robert J.	US 4241131
8	<input checked="" type="checkbox"/>	US 4233208 A	19801111	13	Polymer compositions stabilized with hindered phenyl secondary phosphites	Spivack, John D.	US 4233208
9	<input checked="" type="checkbox"/>	US 4226982 A	19801007	14	Process to break down cellulose polymers and produce cellular solid or solid reaction products	Blount, David H.	US 4226982

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
10	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4220757 A	198000902	13		Process for the production of alkali metal-cellulose-silicates and their reaction products	Blount, David H. US 4220757	
11	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4217258 A	198000812	15		Stabilized halogen-containing resin composition	Minagawa, Motonobu et al. US 4217258	
12	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4214965 A	198000729	17		Polymers and process for their preparation	Rowe, William US 4214965	
13	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4211848 A	198000708	14		Process for the production of polyisocyanate-polyester-silicate plastic	Blount, David H. US 4211848	
14	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4210595 A	198000701	6		Process for the production of organo-tin compounds	Wirth, Hermann O. et al. US 4210595	

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15	<input checked="" type="checkbox"/>	US 4207229 A	19800610	15	Hindered phenyl phosphites	Spivack, John D.	US 4207229
16	<input checked="" type="checkbox"/>	US 4207128 A	19800610	9	Reactive polyurethane coatings	Traubel, Harro et al.	US 4207128
17	<input checked="" type="checkbox"/>	US 4195016 A	19800325	15	Hindered phenyl phosphites	Spivack, John D.	US 4195016
18	<input checked="" type="checkbox"/>	US 4189467 A	19800219	9	Polyurethanes having ectoparasiticidal activity	von Bittera, Miklos et al.	US 4189467
19	<input checked="" type="checkbox"/>	US 4182829 A	19800108	7	Impression materials for dentistry	Walkowiak, Michael et al.	US 4182829

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
20	<input checked="" type="checkbox"/>	US 4182704 A	19800108	15	Hindered phenyl phosphites	Spivack, John D.	US 4182704
21	<input checked="" type="checkbox"/>	US 4180740 A	19791225	12	X-ray intensifying screens	Suys, Andre R. et al.	US 4180740
22	<input checked="" type="checkbox"/>	US 4180498 A	19791225	17	Hindered phenyl phosphites	Spivack, John D.	US 4180498
23	<input checked="" type="checkbox"/>	US 4180497 A	19791225	15	Hindered phenyl phosphites	Spivack, John D.	US 4180497

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24	<input checked="" type="checkbox"/>	US 4179458 A	19791218	6	Process for preparing organotin compounds	Jones, Trevor E.	US 4179458
25	<input checked="" type="checkbox"/>	US 4177187 A	19791204	8	Stabilizers for halogenated resins	Bohen, Joseph M.	US 4177187
26	<input checked="" type="checkbox"/>	US 4174307 A	19791113	11	Room-temperature-radiation-curable polyurethane	Rowe, William	US 4174307
27	<input checked="" type="checkbox"/>	US 4160762 A	19790710	10	Halogen-containing resin stabilizer comprising an alkoxy carbonylalkylenetin sulfide	Minagawa, Motonobu et al.	US 4160762
28	<input checked="" type="checkbox"/>	US 4159261 A	19790626	10	Stabilization of vinyl halide resins	Dieckmann, Dale J.	US 4159261

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29	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4158669 A	19790619	6		Organic-tin compounds	Wirth, Hermann O. et al.	US 4158669
30	<input checked="" type="checkbox"/> <input type="checkbox"/> US RE30032 E	19790612	11		Carbofunctional sulfur and carboxylate bridged tin compounds	Kugele, Thomas G. et al.	US RE30032
31	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4142030 A	19790227	16		Inorganic-organic plastic	Dieterich, Dieter et al.	US 4142030
32	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4134879 A	19790116	12		Thioether-containing phenolic antioxidant stabilized polymers	Schmidt, Andreas	US 4134879
33	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4132702 A	19790102	32		Phenol esters and amides and polymers stabilized therewith	Schmidt, Andreas et al.	US 4132702

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34	<input checked="" type="checkbox"/>	US 4129584 A	19781212	6	Process for preparing dimethyltin dichloride	Reifenberg, Gerald H.	US 4129584
35	<input checked="" type="checkbox"/>	US 4125500 A	19781114	8	Cyclic phosphites of sugar alcohols and polymers stabilized therewith	Mayer, Norbert et al.	US 4125500
36	<input checked="" type="checkbox"/>	US 4122065 A	19781024	3	Tin salts of dimercaptoethyl formal, related compounds and PVC resins stabilized therewith	Bertozzi, Eugene R.	US 4122065
37	<input checked="" type="checkbox"/>	US 4122064 A	19781024	7	Novel organo-tin compounds and their use as stabilizers	Scheidl, Franz et al.	US 4122064

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38	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4120923 A	19781017	14	Process for manufacturing foamed materials involving contacting a thin unbroken film of liquid resin with a gaseous blowing agent under pressure	Kloker, Werner et al.	US 4120923
39	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4120845 A	19781017	22	Sulfide containing tin stabilizers	Kugele, Thomas G.	US 4120845
40	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4117029 A	19780926	12	Halogen-containing resin composition containing organic substance as stabilizer	Kitano, Yoshikazu	US 4117029
41	<input checked="" type="checkbox"/>	<input type="checkbox"/> US 4115352 A	19780919	12	Heat stabilizer composition for halogenated resins	Bohen, Joseph Michael et al.	US 4115352

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42	<input checked="" type="checkbox"/>	US 4113678 A	19780912	12	Tin sulfide stabilizer for styrene polymer	Minagawa, Motonobu et al.	US 4113678
43	<input checked="" type="checkbox"/>	US 4111903 A	19780905	5	Organotin compounds and vinyl halide resin compositions stabilized therewith	Hoch, Samuel et al.	US 4111903
44	<input checked="" type="checkbox"/>	US 4100318 A	19780711	16	Actinic radiation cured coating for cushioned sheet goods and method	McCann, Thomas J. et al.	US 4100318
45	<input checked="" type="checkbox"/>	US 4098763 A	19780704	4	Technique for stabilization of vinyl chloride polymers using organic thiols	Starnes, Jr., William Herbert	US 4098763
46	<input checked="" type="checkbox"/>	US 4097423 A	19780627	30	Inorganic-organic compositions	Dieterich, Dieter	US 4097423

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47	<input checked="" type="checkbox"/>	US 4097422 A	19780627	18	Inorganic-organic compositions	Markusch, Peter	US 4097422
48	<input checked="" type="checkbox"/>	US 4094855 A	19780613	16	Hindered phenyl phosphites	Spivack, John D.	US 4094855
49	<input checked="" type="checkbox"/>	US 4092340 A	19780530	5	Process for preparing organotin compounds	Jones, Trevor Eric	US 4092340
50	<input checked="" type="checkbox"/>	US 4062881 A	19771213	25	Sulfide containing tin stabilizers	Kugele, Thomas G.	US 4062881
51	<input checked="" type="checkbox"/>	US 4059562 A	19771122	8	Liquid stabilizer systems and vinyl halide resin compositions containing same	Hoch, Samuel et al.	US 4059562

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52	<input checked="" type="checkbox"/>	US 4058543 A	19771115	28	Organotin mercapto dicarboxylic acid esters and compositions	Mack, Gerry P.	US 4058543
53	<input checked="" type="checkbox"/>	US 4055599 A	19771025	15	N-(Alkylhydrobenzyl)-alkylthio- and mercapto-acetamides	Huber-Emden, Helmut et al.	US 4055599
54	<input checked="" type="checkbox"/>	US 4053659 A	19771011	10	Adherent powder coatings on a basis of PVC copolymers	Cebauer, Peter et al.	US 4053659
55	<input checked="" type="checkbox"/>	US 4052347 A	19771004	16	Inorganic-organic compositions	Dieterich, Dieter et al.	US 4052347
56	<input checked="" type="checkbox"/>	US 4042536 A	19770816	17	Inorganic-organic plastic	Dieterich, Dieter et al.	US 4042536

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57	<input checked="" type="checkbox"/>	US 4021407 A	19770503	10	Synergistic organotin borate stabilizer compositions and resins containing same	Gaugh, Robert George et al.	US 4021407
58	<input checked="" type="checkbox"/>	US 4020090 A	19770426	18	Organotin compounds	Collins, John Desmond et al.	US 4020090
59	<input checked="" type="checkbox"/>	US 4013619 A	19770322	14	Phenol acetals	Schmidt, Andreas	US 4013619
60	<input checked="" type="checkbox"/>	US 4010221 A	19770301	7	Polyvinyl chloride/copolyester compositions	Gebhart, Charles J. et al.	US 4010221
61	<input checked="" type="checkbox"/>	US 4008201 A	19770215	11	Halogenated resins stabilized with novel compositions	Weisfeld, Lewis B.	US 4008201

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62	<input checked="" type="checkbox"/>	US 4001172 A	19770104	16	Polymers with improved properties;Steinkamp, Robert A. et al.	US 4001172	
63	<input checked="" type="checkbox"/>	US 3998715 A	19761221	10	Radiation crosslinked polyvinyl chloride and process therefor	Bohm, Georg G. A. et al.	US 3998715
64	<input checked="" type="checkbox"/>	US 3991135 A	19761109	13	Polymer composition containing processing aid	Kraft, Paul et al.	US 3991135
65	<input checked="" type="checkbox"/>	US 3985703 A	19761012	4	Process for manufacture of acrylic core/shell polymers	Ferry, William J. et al.	US 3985703
66	<input checked="" type="checkbox"/>	US 3979359 A	19760907	12	Carbofunctional sulfur and carboxylate bridged tin compounds	Kugele, Thomas G. et al.	US 3979359

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67	<input checked="" type="checkbox"/>	US 3978023 A	19760831	6	Stabilization of polymeric compositions	Coates, Harold et al.	US 3978023 ← In IDS
68	<input checked="" type="checkbox"/>	US 3972908 A	19760803	15	Organotin compounds	Collins, John Desmond et al.	US 3972908 ← In IDS
69	<input checked="" type="checkbox"/>	US 3970612 A	19760720	9	Process for molecular weight lowering of polyvinyl halides	Witschard, Gilbert	US 3970612 ← In IDS
70	<input checked="" type="checkbox"/>	US 3966521 A	19760629	7	Polyurethane foam composite	Patton, Jr., John T. et al.	US 3966521 ← In IDS
71	<input checked="" type="checkbox"/>	US 3962295 A	19760608	11	Novel diorganotin derivatives of .alpha.,.omega.-dimercaptans and method for preparing same	Collins, John Desmond et al.	US 3962295 ← In IDS

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72	<input checked="" type="checkbox"/>	US 3959413 A	19760525	10	Bicyclic phosphites	Schwarzenbach, Kurt et al.	US 3959413
73	<input checked="" type="checkbox"/>	US 3953655 A	19760427	15	Polymers with improved properties and process therefor	Steinkamp, Robert A. et al.	US 3953655
74	<input checked="" type="checkbox"/>	US 3953385 A	19760427	7	Novel products and process	Dworkin, Robert D. et al.	US 3953385
75	<input checked="" type="checkbox"/>	US 3944632 A	19760316	11	Phosphoric acid anilides	Schwarzenbach, Kurt et al.	US 3944632
76	<input checked="" type="checkbox"/>	US 3943106 A	19760309	13	Polymeric malonates	Schmidt, Andreas et al.	US 3943106

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77	<input checked="" type="checkbox"/>	US 3943099 A	19760309	7	Process for stabilising halogenated vinyl resins	Bakassian, Georges et al.	US 3943099
78	<input checked="" type="checkbox"/>	US 3933877 A	19760120	16	Hydrophilic and difficultly volatile biocidal triorganometallic compounds	Wirth, Hermann Otto et al.	US 3933877
79	<input checked="" type="checkbox"/>	US 3933750 A	19760120	13	Novel stabilized polymer compositions	Coates, Harold et al.	US 3933750
80	<input checked="" type="checkbox"/>	US 3933744 A	19760120	8	Esters and mixtures thereof with organotin compounds useful as polymer stabilizers	Coates, Harold et al.	US 3933744
81	<input checked="" type="checkbox"/>	US 3933741 A	19760120	8	Stabilized vinyl chloride polymer compositions	Larkin, William A. et al.	US 3933741

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82	<input checked="" type="checkbox"/>	US 3933680 A	19760120	6	Stabilizing compositions for polyvinylchloride	Wowk, Anatole	US 3933680
83	<input checked="" type="checkbox"/>	US 3931450 A	19760106	8	Polyurethane foam composite	Patton, Jr., John T. et al.	US 3931450
84	<input checked="" type="checkbox"/>	US 3931262 A	19760106	18	Hydrophilic and difficultly volatile biocidal triorganotin compounds	Wirth, Hermann Otto et al.	US 3931262
85	<input checked="" type="checkbox"/>	US 3928500 A	19751223	11	Processing aid for polyvinyl chloride	Kraft, Paul et al.	US 3928500
86	<input checked="" type="checkbox"/>	US 3928285 A	19751223	12	Synergistic organotin borate stabilizer composition and resins containing same	Cough, Robert George et al.	US 3928285

← Cited by Examiner

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
87	<input checked="" type="checkbox"/>	US 3928284 A	19751223	15	Organotin compounds stabilizers for vinyl halide polymers	Collins, John D. et al.	← I, IDS
88	<input checked="" type="checkbox"/>	US 3927091 A	19751216	18	Carboxylic acid amides	Huber-Emden, Helmut et al.	
89	<input checked="" type="checkbox"/>	US 3925309 A	19751209	19	Dimethyltin esters	Weisfeld, Lewis B. et al.	← I, IDS
90	<input checked="" type="checkbox"/>	US 3925246 A	19751209	7	Esters and mixtures thereof with organotin compounds	Coates, Harold et al.	← I, IDS

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91	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3919168 A	19751111	11	Vinyl halide resin stabilizer compositions of organotin or antimony organic sulfur-containing compounds and tri-alkali metal phosphates	Dieckmann, Dale J.	US 3919168	← ↳
92	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3919137 A	19751111	8	Process for making polyvinyl chloride processing aid involving cooling step in acrylate graft polymerization of polyvinyl chloride	Dyer, James N. et al.	US 3919137	← ↳
93	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3917672 A	19751104	14	Hydroxybenzoylalkanoic acid esters	Schmidt, Andreas	US 3917672	← ↳
94	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3904579 A	19750909	22	Novel floor-tile compositions comprising plasticized vinyl chloride polymers	Braddicks, Robert P.	US 3904579	← ↳
95	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3901930 A	19750826	17	Hydrophilic and difficulty volatile biocidal triorganolead compounds	Wirth, Hermann Otto et al.	US 3901930	← ↳

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96	<input checked="" type="checkbox"/>	US 3899465 A	19750812	7	Synergistic organotin stabilizer compositions and resins stabilized therewith	Stapfer, Christian H.	US 3899465
97	<input checked="" type="checkbox"/>	US 3897408 A	19750729	6	Polymerisation process	Sturt, Alan Charles	US 3897408
98	<input checked="" type="checkbox"/>	US 3894989 A	19750715	12	Organotin compound stabilizers for halogenated polymers	Collins, John Desmond et al.	US 3894989
99	<input checked="" type="checkbox"/>	US 3890277 A	19750617	6	Alkytin polysulfide thioester stabilized composition	Kugele, Thomas G. et al.	US 3890277
100	<input checked="" type="checkbox"/>	US 3890276 A	19750617	8	Synergistic combinations of organic stabilizers for halogenated resins	Stapfer, Christian H.	US 3890276

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101	<input checked="" type="checkbox"/>	□ US 3879344 A	19750422	6	Unsaturated organo-tin mercaptide stabilizers for halo-vinyl polymers	Bakassian, Georges	US 3879344
102	<input checked="" type="checkbox"/>	□ US 3869487 A	19750304	6	Alkyltin polysulfide thioesters	Kugele, Thomas G. et al.	US 3869487
103	<input checked="" type="checkbox"/>	□ US 3865787 A	19750211	9	Resin stabilizer systems of organotin sulfur-containing compounds and alkali metal bisulfite addition products	Ludwig, Jerome H. et al.	US 3865787
104	<input checked="" type="checkbox"/>	□ US 3862265 A	19750121	17	POLYMERS WITH IMPROVED PROPERTIES AND PROCESS THEREFOR	Steinkamp, Robert A. et al.	US 3862265
105	<input checked="" type="checkbox"/>	□ US 3856840 A	19741224	5	ORGANOTIN HETEROCLIC COMPOUNDS	O'Brien, Joseph L. et al.	US 3856840

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U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
106	<input checked="" type="checkbox"/>	US 3846438 A	19741105	12	CERTAIN 1,2,4-THIADIAZOLES	Bader, deceased, Jorg et al.	US 3846438
107	<input checked="" type="checkbox"/>	US 3818062 A	19740618	5	UNSATURATED ORGANI-TIN MERCAPTIDES, THEIR PREPARATION AND USE	Balkassian, Georges	US 3818062
108	<input checked="" type="checkbox"/>	US 3803083 A	19740409	17	NEW SYNERGISTIC ORGANOTIN MERCAPTOCARBOXYLIC ACID ESTER STABILIZERS	Brecker, Lawrence Robert	US 3803083
109	<input checked="" type="checkbox"/>	US 3764571 A	19731009	21	ORGANOTIN STABILIZER SYSTEMS	Jennings, Thomas C. et al.	US 3764571
110	<input checked="" type="checkbox"/>	US 3758537 A	19730911	6	BIS[HYDROCARBYL(HALO)(MERCAP- TO)TIN]OXIDE	Wowk, Anatole	US 3758537

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U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
111	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3758536 A	19730911	6	PROCESS FOR PREPARING POLYMERIC HALO TIN THIOHYDROCARBYL CARBOXYLATES	Wowk, Anatole	US 3758536	
112	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3755246 A	19730828	5	PROCESS FOR MANUFACTURING POLY(VINYL FLUORIDE WITH IMPROVED THERMOSTABILITY	Trautvetter, Werner et al.	US 3755246	
113	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3725508 A	19730403	7	THIOL DERIVATIVES OF OLEFIN-MALEIC ANHYDRIDE COPOLYMERS	Stamm, Walter	US 3725508	
114	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3715342 A	19730206	25	RADIATION-CONVERTIBLE NORBORNENE POLYMERS	Colomb, Jr., Henry Octave et al.	US 3715342	
115	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3697566 A	19721010	10	NOVEL ORGANO-TIN COMPOUNDS	Sassa, Atsuo et al.	US 3697566	

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116	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3665025 A	19720523	6		ORGANO(HALO) DISULFUR TIN DERIVATIVES AND THE PROCESS OF PREPARING THE SAME	Wowk, Anatole	US 3665025
117	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3665024 A	19720523	4		DIALKYLTIN BIS(SUBSTITUTED MERCAPTIDES)	Oakes, Vincent et al.	US 3665024
118	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3627718 A	19711214	7		POLYVINYL CHLORIDE COMPOSITIONS FOR THE PRODUCTION OF ANTISTATIC HOLLOW BODIES AND BLOWN FILMS	Seifert, Friedrich et al.	US 3627718
119	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3627717 A	19711214	10		VINYL CHLORIDE EMULSION POLYMERIZATION, COPOLYMERIZATION, AND PRODUCT THEREFROM	Kuhnen, Ludwig	US 3627717
120	<input checked="" type="checkbox"/> <input type="checkbox"/> US 3626031 A	19711207	4		VINYL HALIDE POLYMER STABILIZED WITH PARTIAL ESTER SALT OF MALEIC ANHYDRIDE-VINYL COMPOUND POLYMER	Chambers, Robert R. et al.	US 3626031

L Number	Hits	Search Text	DB	Time stamp
8	262	((tin or stann\$3) near10 (organ\$2 or mercapt\$2 or sulfur or sulfide)) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)	EPO; JPO; DERWENT; IBM_TDB	2002/06/20 09:37
9	61430	((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)	EPO; JPO; DERWENT; IBM_TDB	2002/06/20 09:38
10	23	((((tin or stann\$3) near10 (organ\$2 or mercapt\$2 or sulfur or sulfide)) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)) and (((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)) and @pd<19790828	EPO; JPO; DERWENT; IBM_TDB	2002/06/20 09:39

u	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
1	<input checked="" type="checkbox"/> BE 866428 A	19780814	12	Heat stabilising compsn. for halogenated resin, esp. PVC - comprises alkali(ne earth) metal salt of mercaptan and sulphur-contg. tin or antimony cpd.		US 4115352	
2	<input checked="" type="checkbox"/> BE 864976 A	19780717	11	Organotin sulphide(s) and polysulphide(s) of mercapto:alkanol ester c - used as stabilisers for halogen-contg. polymers esp. vinyl chloride polymers		US 4118371	Also showed up in search for claim 296
3	<input checked="" type="checkbox"/> JP 53059747 A	19780529	5	Stabilised vinyl chloride resin prodn. - by adding di:benzyl tin bis-(3-mercaptopropionic acid ester) salts to resin		JP 53059747 A	
4	<input checked="" type="checkbox"/> JP 53059746 A	19780529	8	Stabilised vinyl chloride resin prodn. - by adding mono:alkyl tin-tris(mercapto:carboxylic acid ester) salts and epoxidised bean oil and/or linseed oil to resin		JP 53059746 A	
5	<input checked="" type="checkbox"/> JP 53059745 A	19780529	8	Stabilised vinyl chloride resin prodn. - by adding mono:alkyl tri-mercaptopropionic acid ester salts and monohydrogen phosphites		JP 53059745 A	
6	<input checked="" type="checkbox"/> BE 862421 A	19780414	10	Halogenated vinyl resin colour stabilisation - by addn. of small amt. of tri:valent indium cpds.		US 41159261	
7	<input checked="" type="checkbox"/> JP 53030652 A	19780323	9	Stabilising vinyl chloride resin - by admixing with mono:alkyl tin tris(mercaptopropionic acid ester) and bis(dialkyl tin alkyl maleate) oxide		JP 53030652 A	

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
8	<input checked="" type="checkbox"/> <input type="checkbox"/> JP 53025581 A	19780309	5	Organic-tin thio-s-triazine deriv. - useful as PVC stabiliser, antirust agent, antifungal agent and in antifouling paint for ships		JP 53025581 A	
9	<input checked="" type="checkbox"/> <input type="checkbox"/> JP 53011949 A	19780202	6	Thermally stabilised PVC compsn. - comprising thio-s-triazine cpd., alkali or alkaline earth metal oxide or hydroxide and organo-tin oxide or sulphide		JP 53011949 A	
10	<input checked="" type="checkbox"/> <input type="checkbox"/> DE 2648107 B	19780202	4	Di:organic tin di:halide, PVC stabiliser intermediates, prepn. - by reacting tin, hydrogen halide and olefin in water		DE 2648107 B	
11	<input checked="" type="checkbox"/> <input type="checkbox"/> FR 2337139 A	19770902	28	Mixed ester of organo-stannic mercapto-dicarboxylic acid - prep'd. from stannic halide and polyol and used as PVC stabiliser		US 4058543	
12	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4043957 A	19770823	6	Heat and light stabilised vinyl halide resins - contg. a tin tris-mercaptide, mercapto-alkanol and tin sulphide		US 4043957	
13	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4021407 A	19770503	10	Synergistic thermal stabiliser compsn. for vinyl chloride polymer - contg. an organo-tin borate and an organic thiol		US 4021407	
14	<input checked="" type="checkbox"/> <input type="checkbox"/> GB 1430933 A	19760407	3	White crystalline cyclic organotin cpd prodn - from thioglycolic or beta mercapto propionic acids and organotin oxide or halide		GB 1430933 A	

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
15	<input checked="" type="checkbox"/>	□ JP 50126052 A	19751003	7	Heat resistant polyvinyl chloride compsn. - contg. dialkyl-tin-mercapto-carboxylate ester and monoalkyl-tin-mercapto-carboxylic acid salt		JP 50126052 A
16	<input checked="" type="checkbox"/>	□ JP 50082147 A	19750703	11	Stabilizers for synthetic resins - obt'd from alkyl tin mercapto-carboxylates		US 3962296
17	<input checked="" type="checkbox"/>	□ JP 49107347 A	19741011	4	Stabilized halogen-contg. resin compsns - using organo-tin cpds. Organo tin sulphur cpds as PVC stabilisers - comprising mono- and di-organotin mercapto-carboxylic ester sulphides		JP 49107347 A
18	<input checked="" type="checkbox"/>	□ US 3817915 A	19740618	17	Dimethyl tin mercapto ester stabilizers - of reduced toxicity for vinyl(idene) halide resins or chlorinated polyethylene		US 3817915
19	<input checked="" type="checkbox"/>	□ US 3810868 A	19740514	9	Stabilised pvc - suitable for food packaging		US 3810868
20	<input checked="" type="checkbox"/>	□ BE 799978 A	N/A	9	Stabilising polyvinyl chloride - with mixts of alkyltin sulphides and alkyltin derivs		FR 2217363 A1
21	<input checked="" type="checkbox"/>	□ DE 2307360 A	N/A	26	Organotin compounds as stabilisers and internal		DE 2307360 A1
22	<input checked="" type="checkbox"/>	□ NL 6810129 A	N/A	2	Organotin compounds - as stabiliser for PVC and rubbery hydrocarbon polymers		US 3524831
23	<input checked="" type="checkbox"/>	□ BE 675442 A	19660722	6			US 3396185

← in search for
c1m 296
← In IDS

L Number	Hits	Search Text	DB	Time stamp
16	154	((tin or stann\$3) near10 halo\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)	USPAT	2002/06/20 10:32
17	28	(((tin or stann\$3) near10 halo\$3) and ((mercapt\$2 near10 (acid or ester or alkanol)) or thiol)) and (((vinyl adj halide) or (poly adj vinyl adj chloride) or pvc)) and @ad<19801220	USPAT	2002/06/20 10:34

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
1	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4324737 A	19820413	4		Process for the preparation of organostannic trihalides	Foure, Michel	US 4324737
2	<input checked="" type="checkbox"/> <input type="checkbox"/> US RE30810 E	19811201	12		Carbofunctional sulfur and carboxylate bridged tin compounds	Kugele, Thomas C. et al.	US RE30810
3	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4301085 A	19811117	3		Process for the production of methyl-alkyl tin dichlorides	Wehner, Wolfgang et al.	US 4301085
4	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4279807 A	19810721	15		Synergistic heat stabilizer compositions containing an antimony or a bismuth compound	Dworkin, Robert D.	US 4279807

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
5	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4269731 A	19810526	32		Antimony mercaptocarboxylic acid ester stabilizers for polyvinyl chloride resin compositions and process	Mack, Gerry	US 4269731
6	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4254017 A	19810303	26		Organotin mercaptoalkanol esters and alkoxides containing sulfide groups	Dworkin, Robert D. et al.	US 4254017
7	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4231895 A	19801104	18		Synergistic heat stabilizer compositions containing an antimony or a bismuth compound	Dworkin, Robert D.	US 4231895
8	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4210595 A	19800701	6		Process for the production of organo-tin compounds	Wirth, Hermann O. et al.	US 4210595

u	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
9	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4177187 A	19791204	8	Stabilizers for halogenated resins	Bohen, Joseph M.	US 4177187	
10	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4160762 A	19790710	10	Halogen-containing resin stabilizer comprising an alkoxycarbonylalkylenetin sulfide	Minagawa, Motohobu et al.	US 4160762	
11	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4158669 A	19790619	6	Organotin compounds	Wirth, Hermann O. et al.	US 4158669	
12	<input checked="" type="checkbox"/> <input type="checkbox"/> US RE30032 E	19790612	11	Carbofunctional sulfur and carboxylate bridged tin compounds	Kugele, Thomas G. et al.	US RE30032	
13	<input checked="" type="checkbox"/> <input type="checkbox"/> US 4122064 A	19781024	7	Novel organo-tin compounds and their use as stabilizers	Scheidl, Franz et al.	US 4122064	

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U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
14	<input checked="" type="checkbox"/>	US 4113678 A	19780912	12	Tin sulfide stabilizer for styrene polymer	Minagawa, Motonobu et al.	US 4113678
15	<input checked="" type="checkbox"/>	US 4105684 A	19780808	4	Process for the preparation of organotin trihalides	Hutton, Ronald E. et al.	US 4105684
16	<input checked="" type="checkbox"/>	US 4080362 A	19780321	4	Organotin stabilizers	Hutton, Ronald E. et al.	US 4080362
17	<input checked="" type="checkbox"/>	US 4021407 A	19770503	10	Synergistic organotin borate stabilizer compositions and resins containing same	Cough, Robert George et al.	US 4021407
18	<input checked="" type="checkbox"/>	US 4008201 A	19770215	11	Halogenated resins stabilized with novel compositions	Weisfeld, Lewis B.	US 4008201

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
19	<input checked="" type="checkbox"/>	US 3979359 A	19760907	12	Carbofunctional sulfur and carboxylate bridged tin compounds	Kugele, Thomas G. et al.	← ID → ID 5
20	<input checked="" type="checkbox"/>	US 3962295 A	19760608	11	Novel diorganotin derivatives of .alpha.,.omega.-dimercaptans and method for preparing same	Collins, John Desmond et al.	US 3962295
21	<input checked="" type="checkbox"/>	US 3933750 A	19760120	13	Novel stabilized polymer compositions	Coates, Harold et al.	US 3933750
22	<input checked="" type="checkbox"/>	US 3933680 A	19760120	6	Stabilizing compositions for polyvinylchloride	Wowk, Anatole	US 3933680
23	<input checked="" type="checkbox"/>	US 3899465 A	19750812	7	Synergistic organotin stabilizer compositions and resins stabilized therewith	Stapfer, Christian H.	US 3899465

U	1	Document ID	Issue Date	Pages	Title	Inventor	Image Doc. Displayed
24	<input checked="" type="checkbox"/>	US 3890276 A	19750617	8	Synergistic combinations of organic stabilizers for halogenated resins	Stapfer, Christian H.	US 3890276
25	<input checked="" type="checkbox"/>	US 3879344 A	19750422	6	Unsaturated organo-tin mercaptide stabilizers for halo-vinyl polymers	Bakassian, Georges	US 3879344
26	<input checked="" type="checkbox"/>	US 3758537 A	19730911	6	BIS[HYDROCARBYL(HALO)(MERCAPTO)TIN]OXIDE	Wowk, Anatole	US 3758537
27	<input checked="" type="checkbox"/>	US 3758536 A	19730911	6	PROCESS FOR PREPARING POLYMERIC HALO TIN THIOHYDROCARBYL CARBOXYLATES	Wowk, Anatole	US 3758536
28	<input checked="" type="checkbox"/>	US 3665025 A	19720523	6	ORGANO(HALO) DISULFUR TIN DERIVATIVES AND THE PROCESS OF PREPARING THE SAME	Wowk, Anatole	US 3665025

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